

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,392,809 B2  
APPLICATION NO. : 10/649792  
DATED : July 1, 2008  
INVENTOR(S) : Larson et al.

Page 1 of 4

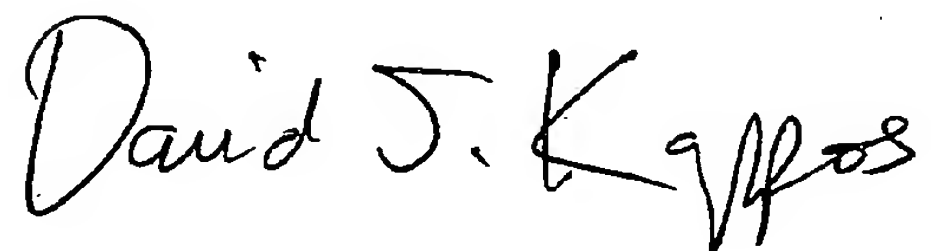
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

The title page should be deleted and substitute therefor the attached title page.

Delete Drawing sheets 1-2, and substitute therefor the drawing sheets, consisting of FIGS. 1-4 as shown on the attached pages.

Signed and Sealed this

Fifteenth Day of December, 2009

A handwritten signature in black ink that reads "David J. Kappos". The signature is written in a cursive, flowing style.

David J. Kappos  
*Director of the United States Patent and Trademark Office*

(12) **United States Patent**  
**Larson et al.**

(10) **Patent No.:** **US 7,392,809 B2**  
**(45) Date of Patent:** **Jul. 1, 2008**

(54) **ELECTRICALLY HEATED CIGARETTE  
 SMOKING SYSTEM LIGHTER CARTRIDGE  
 DRYER**

(75) **Inventors:** **Steven J. Larson**, Richmond, VA (US);  
**John M. Campbell**, Chesterfield, VA  
 (US); **Robert L. Ripley**, Midlothian, VA  
 (US)

(73) **Assignee:** **Philip Morris USA Inc.**, Richmond, VA  
 (US)

(\*) **Notice:** Subject to any disclaimer, the term of this  
 patent is extended or adjusted under 35  
 U.S.C. 154(b) by 434 days.

5,222,185 A	6/1993	McCord, Jr.
5,249,586 A	10/1993	Morgan et al.
5,269,327 A	12/1993	Counts et al.
5,388,594 A	2/1995	Counts et al.
5,505,214 A	4/1996	Collins et al.
5,530,225 A	6/1996	Hajaligol
5,591,368 A	1/1997	Fleischhauer et al.
5,726,421 A	3/1998	Fleischhauer et al.
5,878,752 A	3/1999	Adams et al.
5,934,289 A	8/1999	Watkins et al.
5,954,979 A	9/1999	Counts et al.
5,967,148 A	10/1999	Harris et al.
6,053,176 A	4/2000	Adams et al.
6,116,247 A	9/2000	Banyasz et al.
6,119,700 A	9/2000	Fleischhauer et al.
6,125,866 A	10/2000	Nichols et al.
6,418,938 B1	7/2002	Fleischhauer et al.

\* cited by examiner

(21) **Appl. No.:** **10/649,792**

(22) **Filed:** **Aug. 28, 2003**

(65) **Prior Publication Data**  
 US 2005/0045198 A1 Mar. 3, 2005

(51) **Int. Cl.**  
**A24F 13/00** (2006.01)  
**A24F 17/00** (2006.01)  
**A24F 25/00** (2006.01)

(52) **U.S. Cl.** ..... 131/329; 131/328; 219/222

(58) **Field of Classification Search** ..... 131/194,  
 131/243  
 See application file for complete search history.

(56) **References Cited**

#### U.S. PATENT DOCUMENTS

3,586,820 A \* 6/1971 Yamanaka ..... 219/222  
 5,179,966 A 1/1993 Losee et al.

*Primary Examiner*—Steven P. Griffin

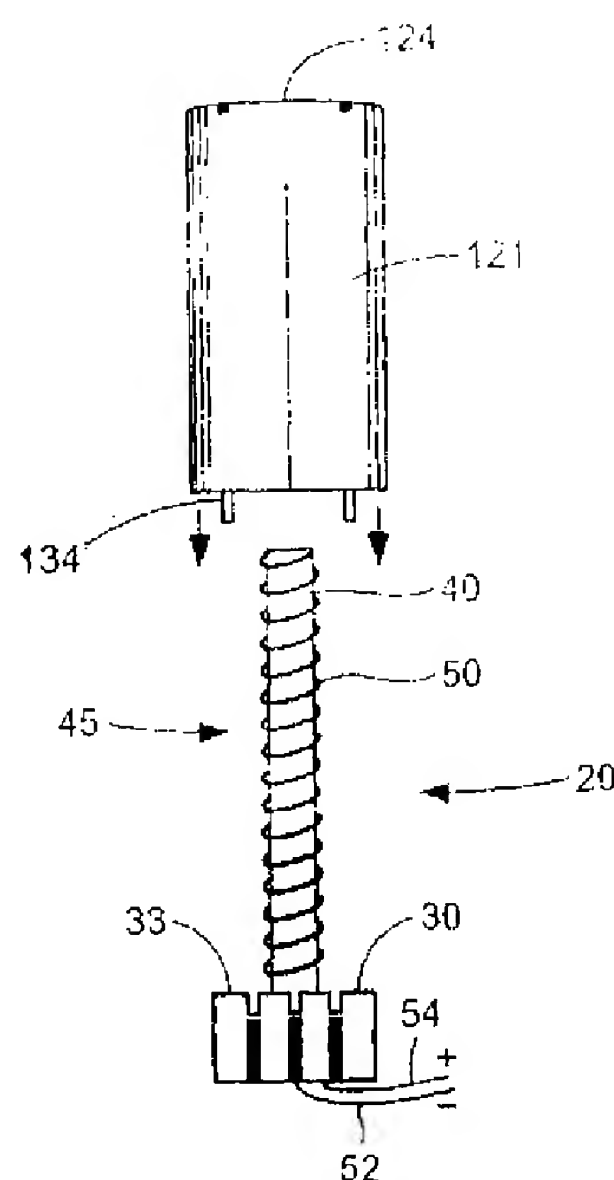
*Assistant Examiner*—Phu H. Nguyen

(74) *Attorney, Agent, or Firm*—Buchanan Ingersoll &  
 Rooney P.C.

#### (57) **ABSTRACT**

A dryer for a smoking device includes a heating element adapted to fit within a cigarette receiving portion of the smoking device, the heating element projecting from a base portion of the dryer. The base portion of the dryer has an interface surface on which the smoking device rests when the heating element is positioned within the cigarette receiving portion of the smoking device. At least one air passageway is provided in the base portion of the dryer to communicate between the cigarette receiving portion and surrounding ambient air when the smoking device rests on the interface surface.

**5 Claims, 3 Drawing Sheets**



U.S. Patent

Jul. 1, 2008

Sheet 1 of 2

7,392,809 B2

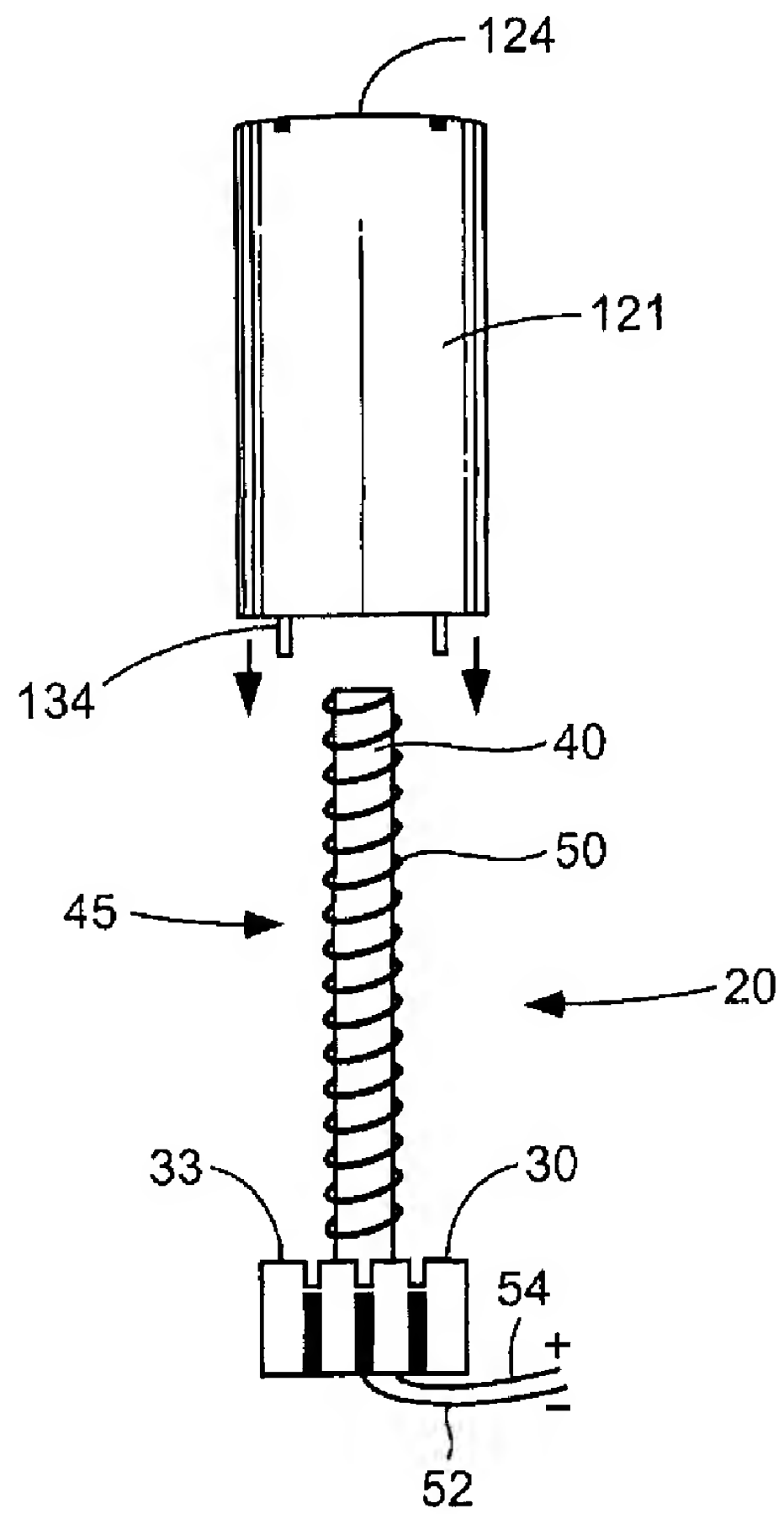


FIG. 2

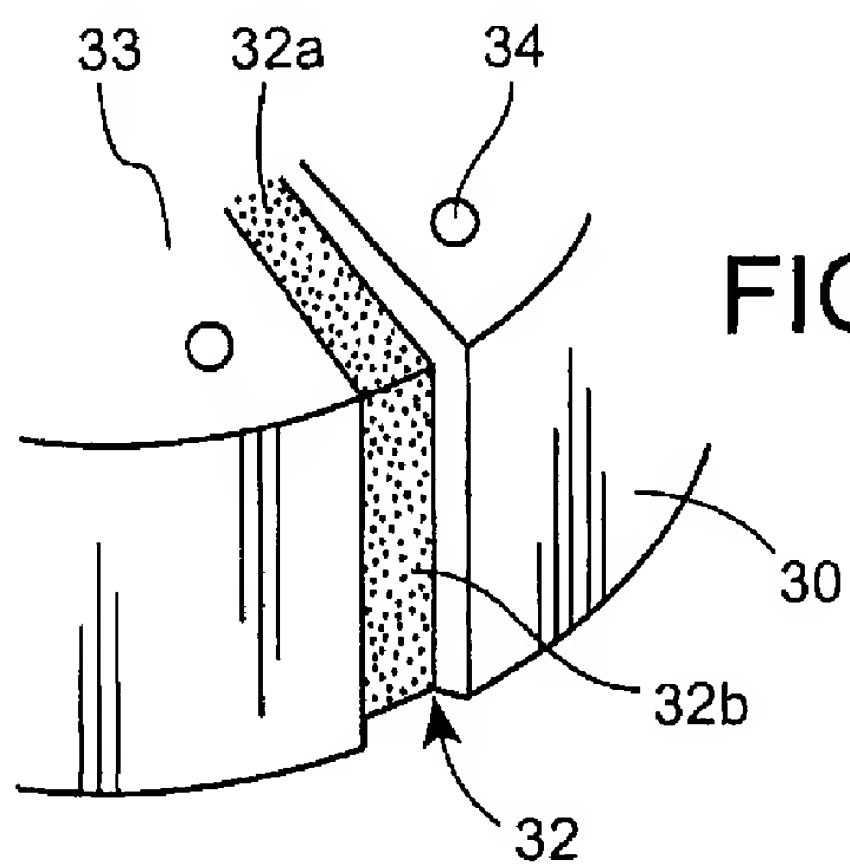
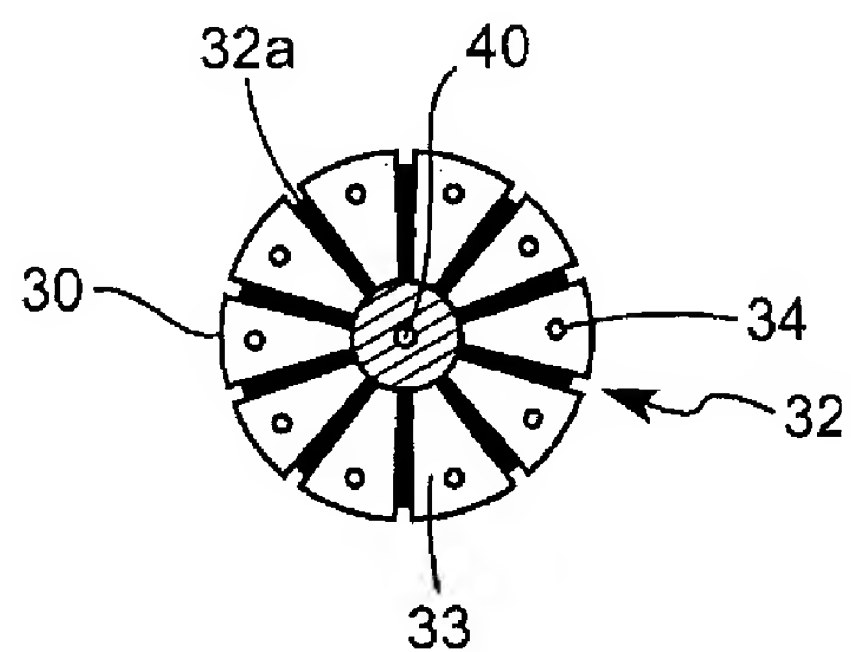


FIG. 3

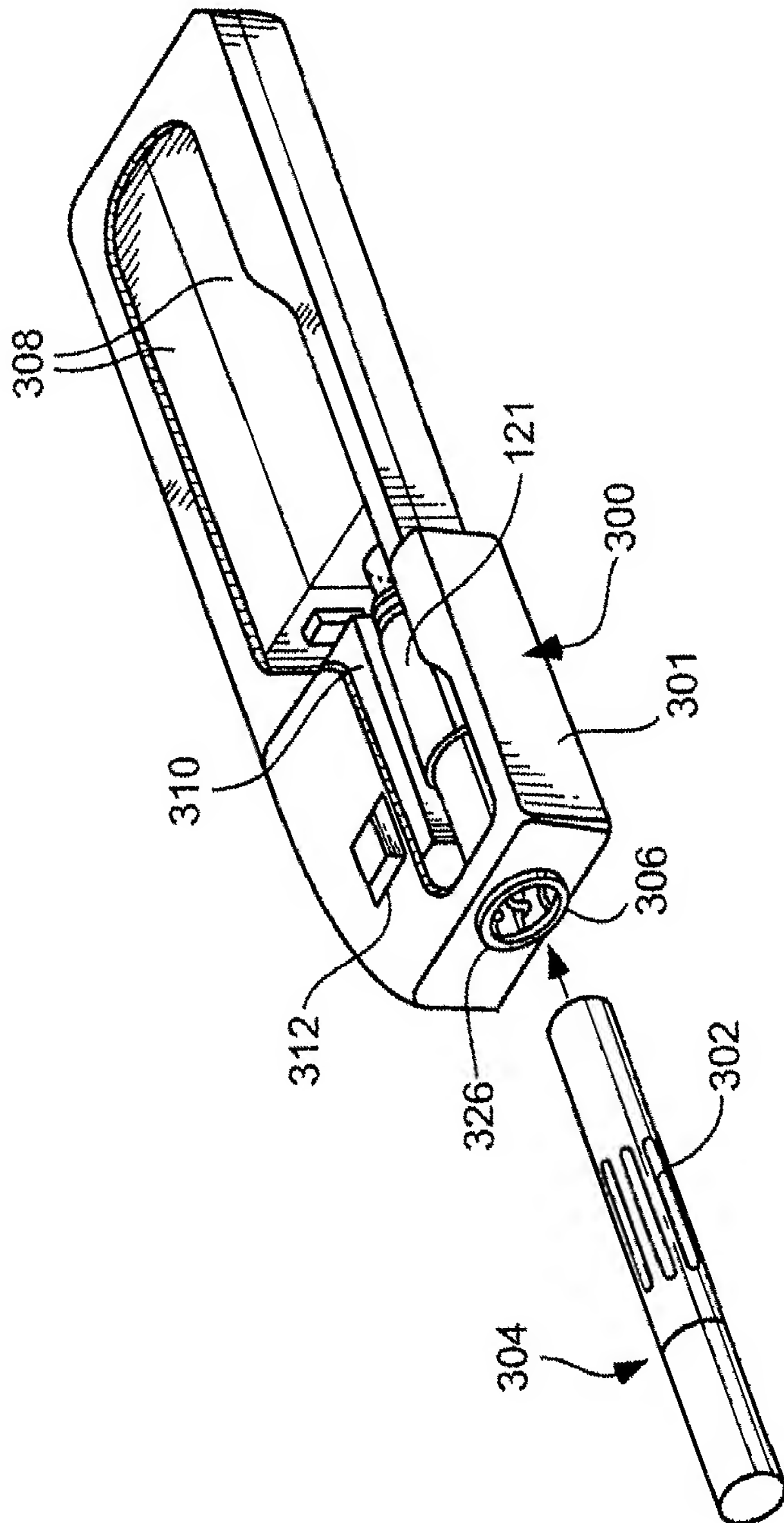


FIG. 4